ABSTRACT OF THE DISCLOSURE

The result of detection processing by abnormal pattern detection processor means 30 is stored in a server 40. In addition, the output image on an image output device 440 is read for pattern, and the supporting contents, such as the result of judgment by a doctor (which, when differing from the result of detection processing, corresponds to the corrected result), the comment, and the assessment category, are stored in the server 40 in conformity with the BI-RADS proposed by the ACR. The result of pathologic assessment corresponding to the abnormal pattern is related to the supporting contents and stored in the server 40. The statistical processing in conformity with the follow-up method of the BI-RADS is performed to find the specificity, the cancer detection rate, etc.